Sp isomer

Figure 1

Figure 2

Figure 3

Figure 4

Figure 5

23

Me

Me

22

or

Figure 7

Building-Blocks: 5'-Pieces

B = Base/Heterocycle

X = 2'-substituent group

L = Linker, PS, dimer, trimer

 $Pg_1 = Protecting group$

Building-Blocks: Pieces

Building-Blocks: 3'-Pieces

Figure 9

Step 1: Coupling of 5'-Piece with Middle Block

Figure 10

Pg₂O

Step 1: Coupling of 5'-Piece with Middle Block

Figure 11

Step 4: Repeat Removal of Pg₂

Figure 12

Figure 13

Step 6: Removal of Pg1

48

Figure 14

Step 6: Removal of Pg1

49

Figure 15